



MI-CW2207

Michigan Crop Weather

June 4, 2007

Continued Warm Weather

Six days were suitable for fieldwork during the week ending June 3, according to the USDA, NASS, Michigan Field Office. Precipitation amounts ranged from 0.23 inches in the eastern Upper Peninsula to 1.40 inches in the southeast Lower Peninsula. Average temperatures ranged from 8 degrees above normal in the south central Lower Peninsula to 11 degrees above normal in the eastern Upper Peninsula. The week of mostly dry weather allowed farmers to spend more time in the fields and tend to their crops. A farmer in the south central mentioned that, "The showers late in the weekend will cause most of our row crops to perk up in this coming week. Any bright, hot days will really make some crops show rapid growth." Another farmer in the northeast said that, "We needed the rain that came Sunday night. Crops should be doing well with the warmer weather."

Field Crops

Warmer weather and scattered rainfall continued to improve crop progress across the State. **Corn** planting was essentially completed. **Soybean** planting was nearly completed with emergence in early planted fields. The presence of bean leaf beetles was reported in some areas. **Oats** and **barley** looked good. **Dry bean** planting expanded. **Alfalfa** harvest faced some delays in anticipation of rainfall but continued to move forward. Alfalfa weevils continued to actively feed in some areas. **Sugarbeets** continued to progress well with good stands. **Winter wheat** continued to progress as fields varied between the heading and flowering stages.

Fruit

Apples ranged from 6 to 8 mm in the northwest to 16 to 20 mm in diameter in the southwest. Drop has been light in southern regions, prompting further spray thinning. Codling moth numbers were increasing. **Blueberries** were at fruit set to small green fruit. **Peaches** were 20 mm in diameter in the southwest, and growers were hand thinning. West central area peaches were 15 to 16 mm. **Pears** were 15 to 18 mm in diameter across the State. **Plums** ranged from 9 mm in the northwest to 17 mm in diameter in the southeast. **Tart cherries** were 11 mm in the northwest and 14 mm in size in the southwest. There were cherry leaf spot symptoms on unsprayed cherries. Sweet cherries began coloring in the southwest; they were 14 to 16 mm in diameter in the west central. Concord grape flower clusters were separating; phomopsis lesions were found on leaves and shoots. Vinifera shoots were 8 to 12 inches in the southwest. Chardonnay grape shoots in the northwest were 10 to 16 inches long. **Strawberries** began coloring in the southwest, where harvest of berries under plastic started. The bloom period was long in the southeast; fruit were thimble sized.

Vegetables

Most crops responded to the warm temperatures and variable rains last week. **Carrots** continued to grow. There were reports of damping off problems in a few fields. **Asparagus** harvest continued. The crop was maturing quickly during the warm spell. **Celery** growth was good. Growers reported that growth has caught up from earlier setbacks. **Cabbage** and **cole crops** continued to grow. There were reports of insect problems in some fields. Early planted **potatoes** were in the bud stage. **Sweet corn** growth accelerated with the warmer air and soil temperatures. **Yellow squash** and **zucchini** planting continued. **Cucumbers** planted in tunnels started to flower. **Tomato**, **pepper** and **eggplant** transplanting continued. **Onions** continued to look good. **Snap beans** had emerged and were in good condition.

Soil moisture for week ending 06/03/07

Stratum	Very short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil	6	16	66	12
Subsoil	3	15	77	5

Crop condition for week ending 06/03/07

Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
All Hay	2	6	30	49	13
Barley	0	1	27	67	5
Corn	1	2	17	55	25
Oats	1	5	23	55	16
Pasture	2	7	30	44	17
Soybeans	0	2	22	56	20
Winter Wheat	1	5	30	43	21

Crop progress for week ending 06/03/07

Crop	This week	Last week	Last year	5-year average
	Percent	Percent	Percent	Percent
All hay, first cutting	29	11	30	21
Asparagus, harvested	69	56	61	66
Barley, planted	98	96	95	93
Barley, emerged	88	83	94	86
Corn, planted	97	93	96	91
Corn, emerged	85	69	84	69
Dry beans, planted	6	2	13	10
Oats, headed	5	NA	18	NA
Potatoes, planted	88	74	92	NA
Potatoes, emerged	58	48	62	NA
Soybeans, planted	87	67	80	74
Soybeans, emerged	64	26	61	44
Strawberries, harvested	5	NA	NA	NA
Winter wheat, headed	77	27	84	46

Michigan Weather Summary for Week Ending 06/03/07¹

Station	Temperature			Cumulative growing degree days ²			Precipitation				
	Maximum	Minimum	Departure from normal	2007	2006	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal
									Since April 1	For month	
Ironwood	83	46	Western UP	455	460	329	0.48	0.94	1.67	3.89	5.88 3.61
Marquette	86	42		435	407		0.10	0.44	1.79	6.83	
Stephenson	86	39		501	510		0.23	0.58	1.05	2.57	
Western UP	87	33		459	430		0.47	0.86	1.60	3.64	
Cornell	85	40	Eastern UP	437	434	230	0.41	0.50	1.27	2.39	5.68 3.26
Sault St Marie	86	44		416	387		0.12	0.38	2.40	4.01	
Eastern UP	88	40		406	395		0.23	0.59	2.31	5.11	
Beulah	87	43		528	518		1.90	2.17	3.16	6.11	
Lake City	86	40	Northwest	487	495	392	1.13	1.33	3.02	6.35	5.57 3.03
Old Mission	90	42		484	485		0.11	0.33	1.30	2.75	
Pellston	89	39		502	491		0.63	0.80	1.75	3.13	
Northwest	90	39		485	475		0.72	0.97	2.16	4.38	
Alpena	90	40	Northeast	491	466	366	1.41	1.57	2.64	6.45	5.52 2.90
Houghton Lake	86	45		525	519		0.89	1.05	2.74	5.88	
Rogers City	87	44		503	446		1.20	1.38	3.03	5.90	
Northeast	90	40		511	498		1.11	1.30	2.92	6.10	
Fremont	86	42	West Central	584	561	448	0.31	0.80	1.38	6.99	6.15 2.94
Hart	86	40		551	506		0.09	0.47	1.30	4.93	
Muskegon	86	43		579	515		0.48	0.93	1.94	6.31	
West Central	87	36		568	534		0.25	0.60	1.38	5.99	
Alma	89	47	Central	622	614	487	1.18	1.45	3.54	7.35	6.23 3.36
Big Rapids	89	45		585	546		0.04	0.41	1.74	4.61	
Central	89	43		597	577		0.72	1.00	2.34	5.82	
Bad Axe	89	46		518	534		0.22	0.64	2.27	5.16	
Pigeon	90	50	East Central	514	541	466	0.93	1.23	3.13	6.00	5.52 3.08
Saginaw	90	47		608	567		0.73	1.01	2.68	6.12	
Standish	88	44		543	549		0.61	0.78	2.59	6.38	
East Central	90	42		526	556		0.60	0.97	2.65	5.93	
Fennville	87	44	Southwest	596	513	524	0.46	1.28	2.19	6.50	6.79 3.55
Grand Rapids	89	46		665	597		2.32	2.89	3.51	7.76	
Holland	89	48		678	567		0.45	0.95	1.37	6.28	
South Bend, IN	87	49		751	623		0.59	1.60	2.29	6.77	
Watervliet	88	46	South Central	660	589	525	0.98	2.01	2.91	6.87	6.50 3.57
Southwest	90	40		665	578		0.95	1.87	2.82	7.07	
Belding	88	42		600	569		1.25	1.85	2.36	5.96	
Coldwater	87	45		625	586		1.26	2.33	3.70	7.05	
Lansing	86	46	Southeast	627	598	499	0.96	2.03	3.86	7.17	6.42 3.36
South Central	89	42		620	616		1.38	2.41	3.69	7.34	
Detroit	87	50		677	661		1.24	1.84	3.30	6.18	
Flint	87	44		616	581		1.86	2.57	5.74	8.82	
Romeo	88	41	Southeast	577	610	1.40	2.23	2.90	6.23	9.42	6.42 3.36
Tipton	88	44		642	620		1.32	2.04	4.93	7.84	
Toledo, OH	91	53		702	679		2.04	2.19	5.43	9.07	
Southeast	91	41		626	631		2.03	4.17	6.97	6.42	

¹ Issued by the USDA, NASS, Michigan Field Office in cooperation with the U.S. Department of Commerce, Michigan State University's Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

² Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.